

What is claimed is:

1. A card processor comprising:

a card carrier passage in which a plurality of pairs of carrier rollers are arranged in a direction in which a card is carried being held thereby;

card carriage controller for controlling carriage of the card in said card carrier passage by controlling the rotation of said carrier rollers; and

card data reader for reading the card data recorded in the card which is carried in said card carrier passage;

wherein

said card carriage controller rotates the carrier rollers in a forward direction in which the card is carried into the interior of the main body until the card inserted in the card carrier passage through an insertion port is held by a pair of carrier rollers closest to the insertion port;

after the card is held by the pair of carrier rollers closest to the insertion port, the carrier rollers are rotated in the forward direction and stopped repetitively, so that the card is taken in by a predetermined length by the main body; and

after the card is taken in by the predetermined length by the main body, the carrier rollers are rotated forward to carry the card up to a storage portion in the main body.

2. The card processor according to claim 1, wherein the carrier rollers are rotated in the forward direction and in the reverse direction, instead the carrier rollers are rotated in the forward direction and stopped.

3. A card processor comprising:

a card carrier passage in which a plurality of pairs of carrier rollers are arranged in a direction in which a card is carried being held thereby;

card carriage controller for controlling carriage of the card on said card carrier passage by controlling the rotation of said carrier rollers; and

card data reader for reading the card data recorded in the card that is carried along said card carrier passage;

wherein

said card carriage controller rotates the carrier rollers in a forward direction in which the card is carried into the interior of the main body until the card inserted in the card carrier passage through an insertion port is held by a pair of carrier rollers closest to the insertion port;

after the card is held by the pair of carrier rollers closest to the insertion port, the card is taken in by a predetermined length by the main body while varying the rotational speed of the carrier rollers; and

after the card is taken in by the predetermined length by the main body, the carrier rollers are rotated forward to carry the card up to a storage portion in the main body.

4. The card processor according to claim 1, further comprising:

a first sensor for detecting the card, the first sensor being provided for the pair of carrier rollers closest to the insertion port on the side of the insertion port, wherein when the card is detected by said first sensor, said card carriage controller starts rotating the carrier rollers in the forward direction.

5. The card processor according to claim 2, further comprising:

a first sensor for detecting the card, the first sensor being provided for the pair of carrier rollers closest to the insertion port on the side of the insertion port;

wherein when the card is detected by said first sensor, said card carriage controller starts rotating the carrier rollers in the forward direction.

6. The card processor according to claim 3, further comprising:

a first sensor for detecting the card, the first sensor being provided for the pair of carrier rollers closest to the insertion port on the side of the insertion port;

wherein when the card is detected by said first sensor, said card carriage controller starts rotating the carrier rollers in the forward direction.

7. The card processor according to claim 1, further comprising:

a second sensor for detecting the card, the second sensor being provided neighboring the pair of carrier rollers closest to the insertion port but on the side opposite to the insertion port;

wherein when the card is detected by said second sensor, said card carriage controller determines that the card is held by said pair of carrier rollers.

8. The card processor according to claim 2, further comprising:

a second sensor for detecting the card, the second sensor being provided neighboring the pair of carrier rollers closest to the insertion port but on the side opposite to the insertion port;

wherein when the card is detected by said second sensor, said card carriage controller determines that the card is held by said pair of carrier rollers.

9. The card processor according to claim 3, further comprising:

a second sensor for detecting the card, the second sensor being provided neighboring the pair of carrier rollers closest to the insertion port but on the side opposite to the insertion port;

wherein when the card is detected by said second sensor, said card carriage controller determines that the card is held by said pair of carrier rollers.

10. The card processor according to claim 1, further comprising:

a first sensor for detecting the card, the first sensor being provided for the pair of carrier rollers closest to the insertion port on the side of the insertion port; and

a second sensor for detecting the card, the second sensor being provided neighboring the pair of carrier rollers closest to the insertion port but on the side opposite to the insertion port;

wherein

when the card is detected by said first sensor, said card carriage controller starts rotating the carrier rollers in the forward direction,

when the card is detected by said second sensor, said card carriage controller determines that the card is held by said pair of carrier rollers, and

when said card is not detected by said first sensor but is detected by said second sensor, said card carrier controller determines that the card has been taken in by a predetermined length by the main body.

11. The card processor according to claim 2, further comprising:

a first sensor for detecting the card, the first sensor being provided for the pair of carrier rollers closest to the insertion port on the side of the insertion port; and

a second sensor for detecting the card, the second sensor being provided neighboring the pair of carrier rollers closest to the insertion port but on the side opposite to the insertion port;

wherein

when the card is detected by said first sensor, said card carriage controller starts rotating the carrier rollers in the forward direction,

when the card is detected by said second sensor, said card carriage controller determines that the card is held by said pair of carrier rollers, and

when said card is not detected by said first sensor but is detected by said second sensor, said card carrier controller determines that the card has been taken in by a predetermined length by the main body.

12. The card processor according to claim 3, further comprising:

a first sensor for detecting the card, the first sensor being provided for the pair of carrier rollers closest to the insertion port on the side of the insertion port; and

a second sensor for detecting the card, the second sensor being provided neighboring the pair of carrier rollers closest to the insertion port but on the side opposite to the insertion port;

wherein

when the card is detected by said first sensor, said card carriage controller starts rotating the carrier rollers in the forward direction,

when the card is detected by said second sensor, said card carriage controller determines that the card is held by said pair of carrier rollers, and

when said card is not detected by said first sensor but is detected by said second sensor, said card carrier controller determines that the card has been taken in by a predetermined length by the main body.

13. A card processor comprising:

a card carrier passage in which a plurality of pairs of carrier rollers are arranged in a direction in which a card is carried being held thereby;

card carriage controller for controlling the carriage of card on said card carrier passage by controlling the rotation of said carrier rollers; and

card data reader for reading the card data recorded in the card that is carried along said card carrier passage;

wherein

when the card is being held by the pair of carrier rollers closest to the insertion portion at the time when the card is being discharged, said card carriage controller rotates the carrier rollers in a direction in which the card is discharged and stops repetitively, so that the card is discharged from the main body by a predetermined length.

14. A card processor according to claim 13, wherein said card carriage controller rotates the carrier rollers in a direction in which the card is discharged and in a direction in which the card is taken in by the main body, instead said card carriage controller rotates the carrier rollers in a direction in which the card is discharged and stops.

15. The card processor according to claim 13, wherein when the card is discharged from the main body by a predetermined length at the time of discharging the card, said card carriage controller rotates the carrier rollers in the direction in which the card is discharged.

16. The card processor according to claim 14, wherein when the card is discharged from the main body by a predetermined length at the time of discharging the card, said card carriage controller rotates the carrier rollers in the direction in which the card is discharged.